Kyoto University Information Environment Start Guide

Academic Year 2023 Edition

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Welcome to Kyoto University.
We can easily imagine that you are so excited about new life here at the most excellent environment for studies in Japan.
Kyoto University provides you with Information Environment to support your activities ranging from studies to student life.
This guidebook introduces the important matters in starting using Information Environment, including services added or changed lately.
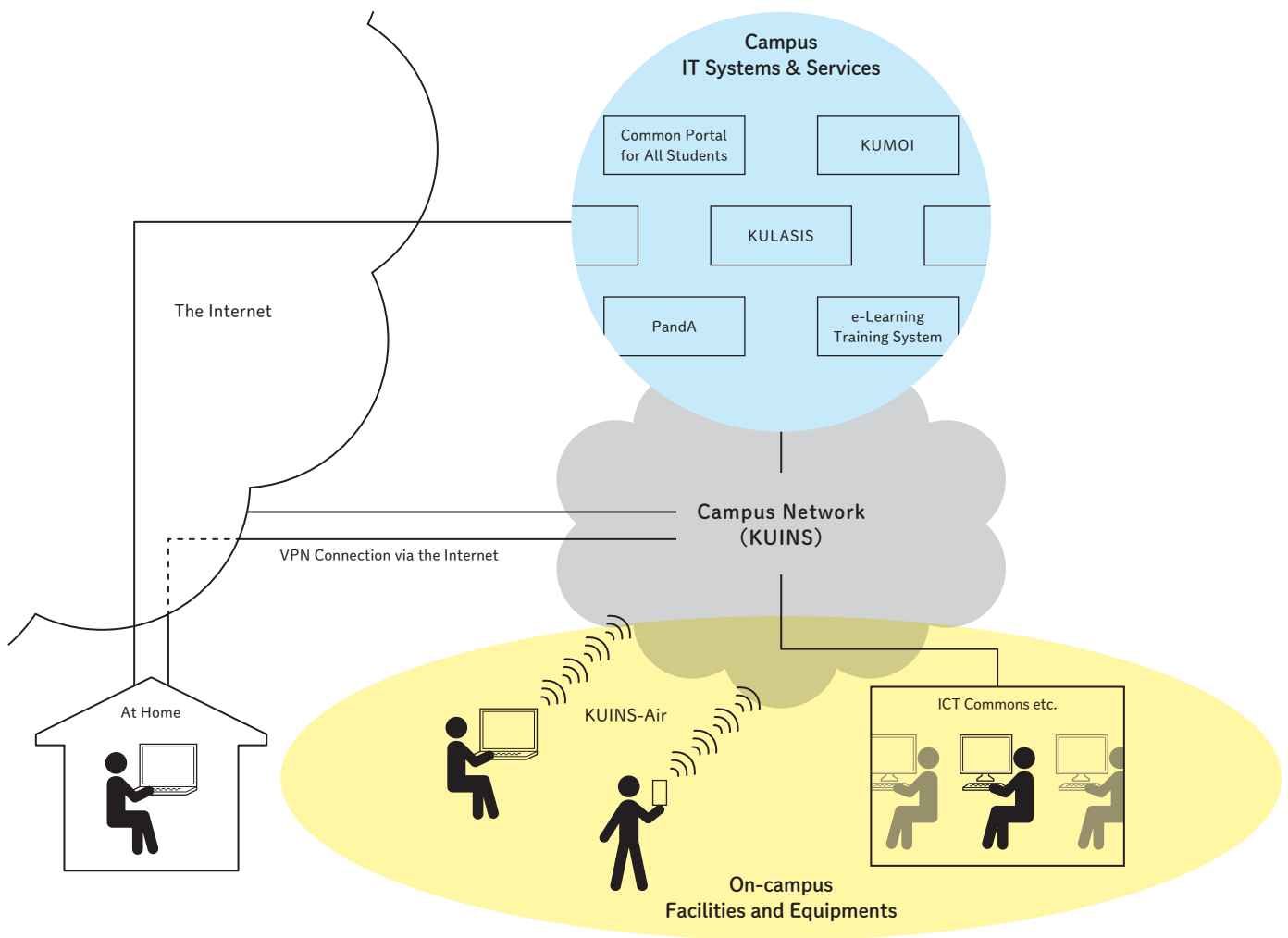We recommend internal students to refer to this guidebook.

KYOTO UNIVERSITY

Information Environment at Kyoto University

Conceptual View for Kyoto University Information Environment

Campus IT Systems & Services
- Common Portal for All Students
- KUMOI
- KULASIS
- PandA
- e-Learning Training System

The Internet

VPN Connection via the Internet

At Home

Campus Network（KUINS）

KUINS-Air

ICT Commons etc.

On-campus Facilities and Equipments

Examples of Daily Schedules of Kyoto University Students

Student A (an undergraduate student)

Time	Activity	Note
07:00	Waking up / Having breakfast	
08:00	Checking the academic information and emails with smartphone / Going to school	Logging in with ECS-ID — Common Portal for All Students
09:00–10:00	Taking a class in lecture room (1st)	
11:00–12:00	Taking a class in lecture room (2nd)	Connecting to KUINS-Air
12:00	Contacting friends in LINE / Having lunch together at the university cafeteria	
13:00–14:00	Taking a class in CALL classroom (3rd)	Logging in with ECS-ID
15:00	Taking a class in Satellite seminar room (4th)	Logging in with ECS-ID
16:00–17:00	Writing papers with a carry-on PC / Borrowing some documents from the University Library	Using the lending service of library with IC Student ID card
18:00	Having dinner at the university cafeteria with club members	
19:00–20:00	Club activities	
21:00	Going home / Preparation for classes / Writing papers / Submitting papers	PandA — Logging in with ECS-ID
22:00–23:00	Free time	
24:00	Taking a bath / Going to bed	

Student B (a graduate student)

Time	Activity	Note
07:00	Waking up / Having breakfast	
08:00	Checking the academic information and emails with smartphone / Going to school	Logging in with ECS-ID — Common Portal for All Students
09:00–10:00	Doing research at laboratory	Wired connection to KUINS-III
11:00–12:00	Taking a class in lecture room (2nd)	
12:00	Having lunch at the university cafeteria / Checking emails with smartphone	Connecting to KUINS-Air
13:00–14:00	Research seminar (It will be held at Learning Commons in the University Library today) / Connecting a carry-on PC to the Internet	Connecting to KUINS-Air
15:00–16:00	Spending times in the University Library after the seminar / Borrowing some documents	Using the lending service of library with IC Student ID card
17:00–18:00	Experiments in laboratory, Collecting and analyzing some data, Writing thesis etc	Supercomputer System
19:00	Having dinner with some members from the laboratory at the university cafeteria	Wired connection to KUINS-III
20:00	Going home	Logging in with ECS-ID
21:00	Surveying the literature from E-Journals	Kyoto University Libraries e-resources
22:00–23:00	Free time	Connecting to e-resources authentication system via a Plug-in
24:00	Taking a bath / Going to bed	

Account and IC Card for Identification

The Student Account (a.k.a. ECS-ID) is an account to identify you at Kyoto University similar to IC Student ID provided by Kyoto University. By using this ECS-ID, you can use IT Systems and Services provided by IIMC, Library, Schools and Graduate Schools. Entering your ECS-ID and Password identifies you. Besides, as for your IC Student ID, you can use not only as a physical identification but also as a digital identification to use for the entrance at facilities and for certification issuing machines.

Accounts for students ECS-ID
Use of IT systems and services provided
by IIMC, Library, Schools and Graduate Schools

IC Student ID
Identification at Facilities, certification issuing machines, etc.
Use as electronic money (for Kyoto University Co-op members only)

The Use of IT System・Services on-Campus

Kyoto University has been providing various IT Systems and Services to support daily activities in wide variety of disciplines as a comprehensive university. You could feel that the environment is something like jangle where diverse creatures and plants are living. Please enjoy the environment with curious and wonder.

Common Portal for All Students	**Kyoto University Mail for Student KUMOI**	**e-Learning Training System**	**GakuNin LMS**
Common window for various IT systems & services	All-university Mail for each student	Take ILAS e-Learning / Take Information Security e-Learning	Supplementary material of Information Security
Liberal Arts Syllabus Information System KULASIS	**Learning Support Service PandA**	**Global Online Resources for International Language Learning Assistant GORILLA**	**Kyoto University Digital Archive System Peek**
Student Information System for syllabi, course registrations, grades & skip-class info	Class support system for content delivery, assignments and assessments	Online language learning system for English classes of Liberal Arts and Sciences	Search for materials collected through processes of education and research
Kyoto University Book Search KULINE	**MyKULINE**	**Kyoto University Libraries e-resources**	**Other Systems Provide by Your Faculty/Graduate School**
Search for books, magazines, journal papers, rare materials, dissertations and so on	Manage your reservation for books and order citations	E-Journals, E-Books and Databases	

Supercomputer System
Large Scale/High Performance Computing Service
(An exclusive account with payment is required to use)
(The exclusive account will be required for use)

Software License
・Software contracted by universities can be used free of charge
・Some software can be purchased at a student discount price

☐ ・・・ Major systems/services to be used by all students
☐ ・・・ Additional systems/services for students

Use of Campus Network

Kyoto University has the Campus Network, KUINS, connected to not only main three campuses (Yoshida, Katsura and Uji) but also almost all facilities and small offices distributed from Hokkaido to Yakushima island in Japan. The KUINS enables us to communicate internally within campuses and also externally through the Internet.

You can hook up to KUINS by using wired connection via information outlets located at each room or by using wireless connection via Wi-Fi access points equipped with the entire campus. In addition to them, you can use various services restricted to on-campus use by using VPN connections from outside campus.

KUINS (Kyoto University Integrated Network System)
Network connection for information terminal (e.g. PCs, Smart Phones)

Wired(via information outlet)

Wireless(via Wi-Fi Access Point)
KUINS-Air, eduroam and so on

VPN Connection Service
IKEv2 Connection,
OpenVPN Connection, etc.

Use of PC on-campus

You can use PCs equipped by Kyoto University in ICT Commons, Satellite seminar rooms, CALL classroom, and Libraries. (ECS-ID will be required in using PC). The area to use your own carry-on PC is prepared in ICT Commons and in libraries. You can do self-study with your own PC in open spaces where campus Wi-Fi (KUINS-Air) is available. You can purchase some software licenses at academic discount price. (some of licenses are available during you enrollment period.) If you have any questions concerning PC (including carry-on PC), please contact ICT Support Center.
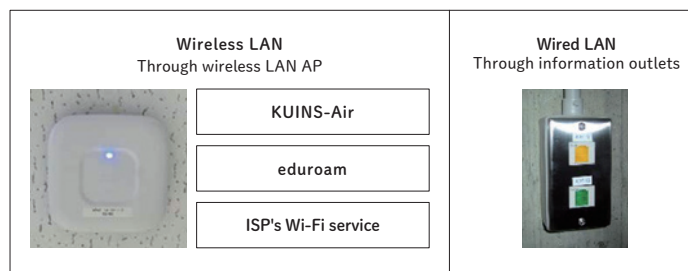
ICT Commons Shared PC Area
PC terminals for self-learning

[PC terminals and Software]

Placed at ACCMS

The Place for Self-Instruction with Carry-on PC
・ICT Commons, ACCMS, South Bldg.
・Learning commons, University Library
・Wa-on, Graduate school of Human and Environmental Studies Bldg.
・Each university cafeteria
And more

Satellite Seminar Room
PC terminal rooms for classes

[PC terminals and Software]

Installation location

ICT Support Center
General information counter,
IT helpdesk

ACCMS, South Bldg. 1F

Kyoto University's Network and Security

Wired LAN and Wireless LAN

Every room in all buildings within Kyoto University's campuses is equipped with "information outlets" and KUINS is available. There are two types of information outlets, yellow and green, and they are used to connect to KUINS-II and KUINS-III respectively explained below.

Also, almost all buildings are covered by wireless LAN. There are about 2,900 access points (APs) in Kyoto University.
https://www.iimc.kyoto-u.ac.jp/en/services/kuins/wifi/

Wireless LAN Through wireless LAN AP	Wired LAN Through information outlets
KUINS-Air	
eduroam	
ISP's Wi-Fi service	

KUINS-II and KUINS-III

KUINS network consists of two logically different networks mainly for security reasons.

One is called KUINS-II, in which global IP addresses are assigned to connected computers (most of them are servers). And one of the main uses of this network is to transmit Web pages by Web servers. The other is called KUINS-III and is used to connect PCs and printers through information outlets or mobile terminals through access points. In this network private IP addresses are assigned, which is only valid within the local network. Although you cannot go to the Internet directly from within this network, NAT server provides the connectivity to the Internet.

If you connect your PC and mobile devices to the Internet, please follow the instructions given by an administrator in your laboratory.

VPN Services to Connect to KUINS from Outside Campus

VPN(Virtual Private Network) enables you to connect to the campus network from off-campus such as home, a place of academic meeting, and a business trip destination and to use the services limited to on-campus.

We provide some VPN services and the major ones are "IKEv2 Connection" and "OpenVPN Connection". They are available on Windows PC, Mac, iPhone, and Android devices.

Please refer to the following webpage for the usage of the services.
http://www.iimc.kyoto-u.ac.jp/en/services/kuins/vpn/
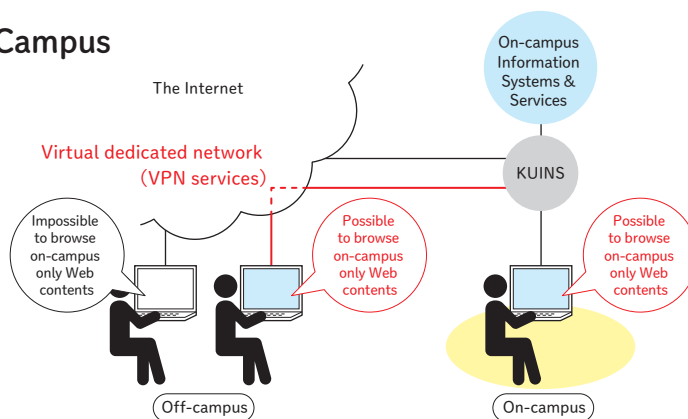
Monitoring Information Security of the Networks

Kyoto University's network KUINS has an IDS (Intrusion Detection System) and it monitors all the communication coming-in and going-out, 24 hours a day, 7 days a week. When a suspicious communication is detected, we check the safeness of the PC within the university related to the communication to deal with various attacks.

Campus-Wide Information Security Depends on Your Shoulder

IDS does not guarantee 100% information security of our university network. Although the Internet is a very useful tool, if you lack necessary precautions, you may get involved in unexpected information security incidents due to potential danger. Moreover, one person's careless mistake may cause disastrous whole university information security incidents. That is typical in the Internet. Therefore, your precaution is the most important shield against attacks.

Particularly an attached file of an e-mail or a suspicious Web site is very common place where malware may hide itself. So you must make your eyes wide open and use e-mail and Web carefully. Also, updating OS (basic software), anti-virus software and applications is a must for everyone.

Please Take Information Security e-Learning Every Year!

Under the supervision of the University Information Security Committee, every member at Kyoto University is obliged to take an information security e-learning course every year in order to use information environment safely and effectively.

Be sure to take the e-Learning course on Information Security each year, or you might not be allowed to use the various information services with ECS-ID.

Campus Mail and Portal

Please be sure to check mails every day!

Kyoto University sends important notice and urgent notice to users to all-university mail address. Please be sure to check mails once every day. You can access all-university mail in logging in to portal. You can access to various system as well as all-university mail from portal and Single Sign On, which you can access without entering password more than once, is also available. This makes you not to enter your password several times. (That's why the management of password is important.) We recommend you to set the mail address as a forwarding address which you usually use such as smart phone or mobile address in case you don't access to all-university mail. Common portal for all students is useful for Kyodai Jungle.
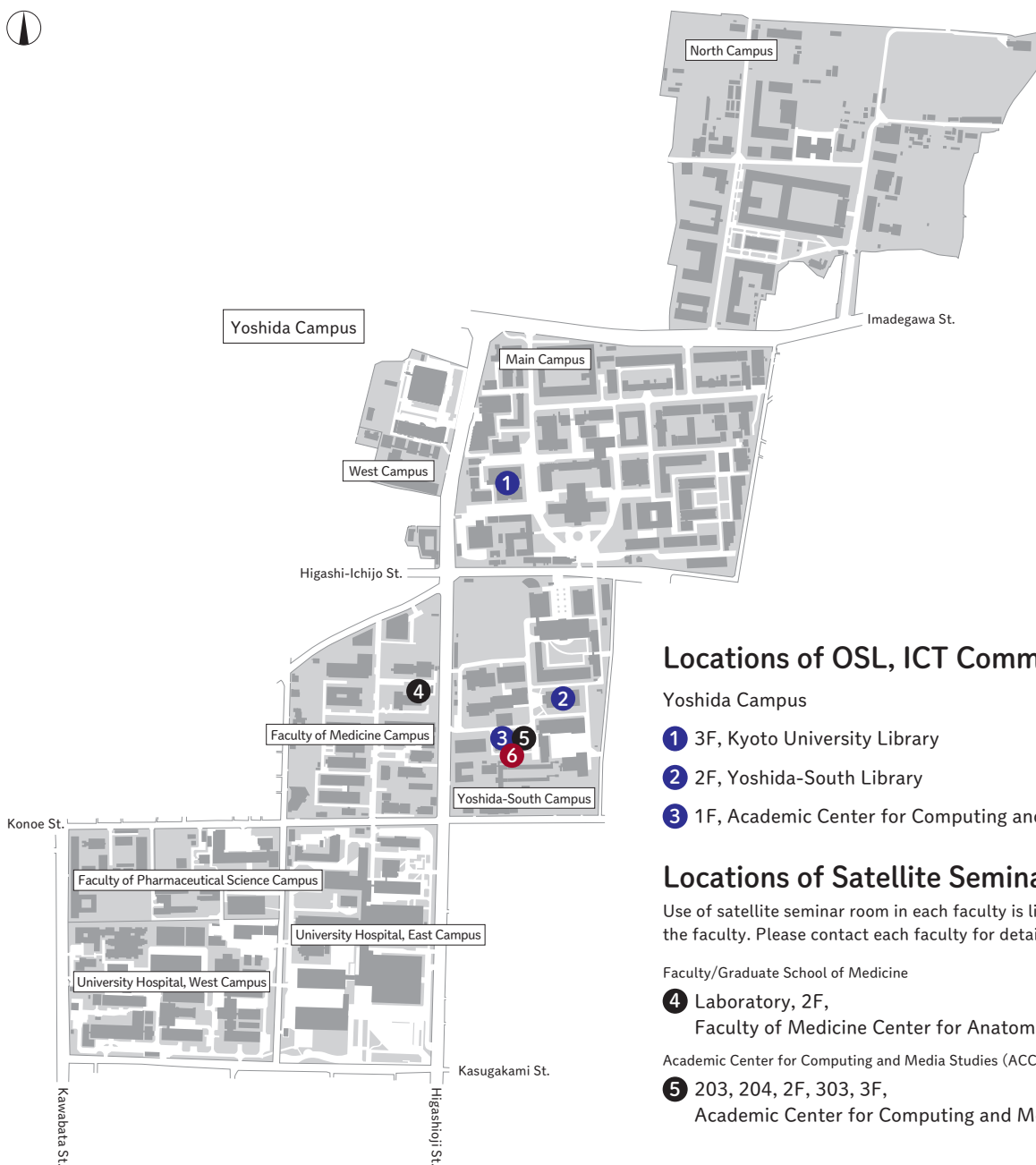
Common Portal for All Students
https://student.iimc.kyoto-u.ac.jp/

KUMOI

In the case of using PC Mail Software to KUMOI
https://www.iimc.kyoto-u.ac.jp/en/services/mail/kumoi/

Locations of Open Space Laboratory (OSL), ICT Commons and Satellite Seminar Rooms (as of March 2023)

Please check the latest information in the IIMC website.

North Campus

Yoshida Campus

Main Campus

Imadegawa St.

West Campus

①

Higashi-Ichijo St.

④

②

Faculty of Medicine Campus

③ ⑤

⑥

Yoshida-South Campus

Konoe St.

Faculty of Pharmaceutical Science Campus

University Hospital, East Campus

University Hospital, West Campus

Kasugakami St.

Kawabata St.

Higashioji St.

Locations of OSL, ICT Commons

Yoshida Campus

① 3F, Kyoto University Library

② 2F, Yoshida-South Library

③ 1F, Academic Center for Computing and Media Studies, South Bldg.

Locations of Satellite Seminar Rooms

Use of satellite seminar room in each faculty is limited to persons who belong to the faculty. Please contact each faculty for details.

Faculty/Graduate School of Medicine

④ Laboratory, 2F,
Faculty of Medicine Center for Anatomical Studies
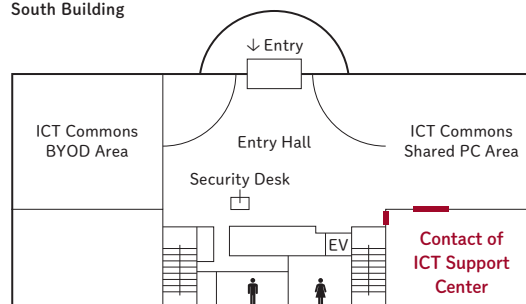
Academic Center for Computing and Media Studies (ACCMS)

⑤ 203, 204, 2F, 303, 3F,
Academic Center for Computing and Media Studies, South Bldg.

General Information Counter

Institute for Information Management and Communication

⑥ ICT Support Center, 1F,
Academic Center for Computing and Media Studies, South Bldg.
TEL 075-753-7840
FAX 075-753-9001
E-MAIL support@iimc.kyoto-u.ac.jp

Academic Center for Computing and Media Studies, South Building

↓ Entry

ICT Commons BYOD Area

Entry Hall

ICT Commons Shared PC Area

Security Desk

EV

Contact of ICT Support Center

Open during 9:00 — 17:00 on weekdays

The Proper Use of Computer Software

Obtaining and using an illegal copy of computer software is a violation of the copyright law that can put yourself and the university under legal liability. In addition, pirated software frequently contains malware (a malicious program created to perform harmful actions) which may leak your personal information, such as names and bank accounts, or cause data loss.

Read the instructions below and use computer software properly.

✓ Software programs must be purchased legally from manufacturers or authorized distributors. Never use an illicit copy of pirated software or unauthorized licenses obtained from unauthorized dealers.
It is also against the copyright law to obtain unlicensed software even though you know that it has been illegally uploaded.

✓ You must not buy or use any cracking tools, which are used to illegally modify software programs.

✓ Software programs must be properly used according to their license agreement. Illegal copying and unauthorized modifications should not be made.

Since the Copyright Act was revised and enforced in January 2021, a stricter crackdown on copyright infringement has been carried out in Japan.
Illegal use of software can impose severe punishments, including criminal penalties or high compensatory damages.

DO NOT BUY OR USE AN ILLEGAL COPY OF COMPUTER SOFTWARE!

Please check at first
— To secure the Information Security —

Purpose of using information assets	• The purpose of using the information assets of the university (including KUINS or All-University account (ECS-ID/SPS-ID) is limited to education, research activities, and business.
Certain implementation of basic security countermeasures	• Accounts and passwords should be managed appropriately. • Security update program of OS or software should be securely installed and kept up-to-date. • Install a security software and be sure the security software is latest version. • Please be careful in opening the attached files and clicking URL in emails. • In sending emails, please double check the destination address to prevent information leakage, due to mail missending. • Please don't access the website nothing to do with education, research, work.
Be sure to check before sending information.	• Isn't it the information of discrimination, insult, harassment or slander potentially? • Isn't it the information which violates privacy? • Isn't it the information of abuse of confidentiality? • Isn't it the information which infringes the right of property such as copyright? • Isn't it the information which the sender may be punished by the law of Japan or which causes civil responsibilities such as indemnity?
P2P file exchange software is not allowed to use	• P2P file exchange software is used to share files via the Internet with other people, consealing the users' identity. It is also called "File sharing software". It's not allowed to use it in the University because it may infringe the copyright without intention. • Examples of P2P file exchange software： Winny, Share, Xunlei（迅雷）, Bit Torrent, Edonkey etc.
Taking e-learning courses, Information Security	• All members in Kyoto University are obliged to take the security e-learning courses every academic year. https://www.iimc.kyoto-u.ac.jp/en/services/ismo/e-Learning/